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Defence Tech: T-50 fighter aircraft replace MiG-29 & Su-27 equip w/ AAN/AQ-37 spherical awareness systems long-range anti-aircraft missiles

Military Tech: Ambassador III Fast Missile Craft [FMC] equip w/ CIWS, Harpoon block II surface-to-surface & Mk 49 Rolling Airframe Missiles

Military Tech: Sea Protector Remote weapon stations [RWS] stabilised sensor platform & weapon mount for surveillance & control missions

Military Tech: MiG-29K aircraft equip w/ RVV-AE & R-73E air-to-air missiles, Kh-31A & Kh-35E anti-ship missiles & Kh-31P anti-radar missiles

Military Tech: Joint Threat Emitter [JTE] counters air defense systems by replicating surface-to-air missiles & anti-aircraft artillery

Military Tech: FFG ships equip w/ anti-aircraft & Harpoon anti-ship missiles, 76mm gun & 20mm Phalanx anti-missile close-in-weapon system

Military Tech: High-speed anti-radiation missile [HARM] control section modification [HCSM] upgrade units install on EA-6B, F-16 and F/A-18

Military Tech: MH-60S helicopters equip w/ Carriage, stream, tow and recovery system [CSTRS] units for vertical replenish [VERTREP] & ASW

IHS4: UH-60M Black Hawks equip w/ AN/AAR-57 Common Missile Warning Systems, AN/AVR-2B laser detecting sets & GAU-19/A 12.7 mm Gatling guns

IHS4: UH-60M Black Hawk helicopters equip w/ AN/APR-39A(V)2 radar warning receivers & AN/ALQ- 144A(V)1 infrared countermeasure sets

Military Tech: Typhoon aircraft Captor-E AESA multi-mode pulse doppler radar[CAESAR] antenna for air surveillance & air-to-ground control

Military Tech: Ohio-class subs feature ASDS, 533mm torpedo tubes w/ mk118 system, AN/BQQ-10(V4) sonar processing & BPS 15A I/J-band radar

Military Tech: P-3AM Orion upgrade w/ Fully integrated tactical system [FITS] & AGM-84 Harpoon Block II anti-ship missile for ASW & ASuW

Military Tech: LRASM precision-guided anti-ship standoff missile based on Joint air-to-surface standoff missile-extended range [JASSM-ER]

Flight Global: MC-27J Pretorian transport gunship equip w/ side-mounted, 30mm GAU-23 cannon, electro-optical & infrared turrets & JEDI

Defence Aviation: F-15 Silent Eagle equip w/ AIM-9 & AIM-120 air-to-air missiles & Joint Direct Attack Munition [JDAM] air-to-ground weapons

Flight Global: AC-208 Combat Caravan turboprop aircraft equip w/ STAR for target attack identified on MX-15D.electro-optical/infrared sensor

Military Tech: MK80 series ordnance & Joint direct attack munitions [JDAM] equip w/ DSU-33D/B proximity sensor for in-air warhead detonation

Defcon: AH-1W Super Cobra Helicopter Weapon Systems Trainer [WST] Device 2F136A upgrade of visual display projectors & image generators

Flight Global: Bat UAS equip w/ APR-39 laser, missile & radar warning electronic warfare suite used on rotary aircraft to jam radio signals

DID: EA-18G Growler Fighter jet Next-Generation Jammer [NGJ] mid-band pod system replace AN/ALQ-99 Tactical Jamming System [TJS]

Military Tech: SH-2G Super Seasprite maritime helicopters equip w/ Penguin Mk 2 Mod 7 anti-ship missiles for ASW, ASuW & Vertical Replenish

Military Tech: F-16 Fighting Falcon Litening G4 advanced targeting pods equip w/ sensor, laser imaging& Forward-looking infrared[FLIR] links

IHS4: F-15MJ aircraft upgrades F-15J Eagle w/ electronic countermeasures, Integrated Electronic Warfare System [IEWS] & M-Scan radar suite

Defcon: Joint tactical ground station [JTAGS] P3I prototype relocatable tactical ballistic missiles [TBM] info process system for ONIR data

Military News: Mig-29 M2 aircraft upgrade MiG-29 w/ air-to-air & air-to-ground missiles, guided, unguided & cluster bombs & rocket pods

Military Tech: Leopard 2 MBTs replace Leopard 1 equip w/ fire control laser system rangefinders, stabilised main gun & coaxial machine gun

Flight Global: F-16 upgrade w/ active electronically scanned array [AESA] radar, Sniper target pod, JDAM, AIM-120 AMRAAM & AIM-9X Sidewinder

Military Tech: Borey-class subs replace Project 941 & 667 w/ SS-NX-30 sea-based submarine-launched ballistic missile [SLBM] w/ MIRV warheads

Military Tech: P-8A Poseidon upgrade w/ APS-137D(V)5 maritime surveillance radar & signal intelligence SIGINT system for ASW, ASuW & ISR

SDI: Type 45 destroyers provide long-range radar & control aircraft w/ Merlin helicopter, Tomahawk cruise missiles & anti-ballistic missiles

Military Tech: F-16 aircraft equip w/ AIM-9M CATMs, LAU-129 launchers, GBU-12 enhanced guided bomb units & AGM-65H/KB Maverick missiles

Military Tech: F-16s equip w/ EGPS/INS, AN/ALQ-131 elec. countermeasures, AIM-120C air-to-air missiles [AMRAAM]& AIM-9M sidewinder missiles

Flight Global: RQ-4B Global Hawks equip w/ Airborne signals intelligence payload[ASIP] systems&retrofit kits for electronic signal intercept

Defcon: Tomahawk Block IV [TACTOM] deep-strike, long-range cruise missile used for land-attack missions from surface combatants & Submarines

Military Tech: E-8C Joint STARS long-range C2 platform equip w/ AN/APY-7 multimode side-looking radar for moving ground target surveillance

Military Tech: Hawk Mk132 advanced jet trainer [AJT] design for ground attack equip w/ low wings, integrated attack& inertial navigation

Flight Global: F-16 munitions package of AIM-120C AMRAAM & AIM-9M Sidewinder air-to-air missiles & AGM-65 Mayerick air-to-surface missiles

Military Tech: Black Widow Spider armoured vehicle equip w/ weapon turrets & counter measures for extreme recon mobility, command & control

SDI Defence: Agusta Bell 212 medium transport helicopter equip w/ two-bladed rotors, turbine engines & skid landing gear for cargo flights

Defence Talk: B-52 upgrade w/ Joint Direct Attack Munition [JDAM], Joint Air-to-Surface Standoff Missile [JASSM]& Mini Air Launch Decoy[MALD]

Military Tech: BRU-71/A carriage&release system replace pyrotech impulse cartridges on Predator B/MQ-9 Reaper remote piloted aircraft [RPA]

Military Tech: MH-47E Chinook equip w/ ATK AN/AAR-47 missile approach & APR-39A radar warners, ALQ-162 Shadowbox & ITT ALQ-136(V) jammers

Military Tech: LCS mission package upgrades comprises 30mm guns, rigid hull inflatable boats, MH-60R helicopter, ASuW & aviation detachment

Military Tech: Scanter 6000 X-band radar on Stilleto craft integrate w/ fan beam antenna& upgraded processor for small surface contact track

Defcon: RQ-4 Global Hawk unmanned aircraft systems [UAS] sensors for ISR equip w/ Airborne signals intelligence payload [ASIP] retrofit kits

Defence Talk: AW109 Power twin engine helicopter built w/ modular equipment packages, separated fuel system & dual hydraulic boost system

Defcon: Hyper Velocity Projectile [HVP] w/ modular, low drag design configured on multiple gun systems for precise multi-mission capability

Military Tech: AN/SPQ-9B X-Band, pulse Doppler, frequency agile radar install on LPD-27,LHA-7 & Arleigh Burke guided missile DDG-79 ships

Flight Global: Gripen aircraft BriteCloud decoy upgrades towed decoy & reliance on on-board repeaters vs surface-to-air missile threats

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Defcon: F/A-18 Super Hornet equip w/ AIM-9X sidewinder air-to-air missile, AIM-120 Advanced Medium Range Air-to-Air Missile [AMRAAM] & Mk-84

Military Tech: F-16 aircraft ACES equip w/ ALR-93 radar warning receiver, ALQ-187(V)2 jammer & ALE-47 countermeasures dispenser system

Defense News: P-3C Orien long-range anti-submarine surveillance aircraft equip w/ Harpoon missiles & MK46 torpedoes replaces S2-T fleet

Military Tech: APX-119 IFF combined Mk XII / Mode S / Mode 5 capability transponder on Surion helicopter to replace UH-1H & 500MD Fleet

Flight Global: Typhoon upgrades include Litening targeting pod, IRIS-T short-range air-to-air missile integrate, Mode 5 ID & Meteor Missile

Defcon: Joint Multi-Role [JMR] aircraft to serve as rotocraft replace UH-60 Black Hawk, AH-64 Apache, CH-47 Chinook& OH-58 Kiowa helicopters

Military Tech: CH-53E Super Stallion helicopter equip w/ ATK AN/AAR-47 missile warning system, 0.50-calibre guns & AN/APN-217 Doppler radar

Flight Global: ELM-2022 maritime surveillance radar upgrade to Dash-8, Dornier 228, P-3 maritime patrol aircraft & AS365 helicopters

Military Tech: APKWS version of Hydra 70 unguided rocket system fired from Apache helicopter equip w/ WGU-59B mid-body guidance unit

Military Tech: MiG-29K naval version of MiG-29 equip w/ RVV-AE & R-73E air-to-air, Kh-31A &-35E anti-ship & Kh-31P anti-radar missiles

Military Tech: Air & missile defense S-band radar [AMDR-S] & Radar suite controller [RSC] for integrate on Flight III DDG 51 class destroyer

Defcon: Defiant Joint Multi-Role [JMR] helicopter tech demonstrator to replace current fleet of Blackhawks, Apaches & Chinooks helicopters

Defence Talk: M855A1 small-caliber projectile replace M855 munitions assemble at high rate on SCAMP line fired from 5.56mm

Military Tech: MH-60R Seahawk helicopters equip w/ AGM-114 Hellfire antisurface missiles, ATK mk50 active torpedoes & 7.62mm machine gun.

Military Tech: Flyer light strike vehicle Internal & external portable in V-22, CH-53, C-130 & C-5 aircraft w/o modular, armoured modify

Military Tech: Folding light acoustic system [FLASH] Sonics dipping sonars suite on AW159 helicopter integrate w/ sonobuoy processing system

Military Tech: LPD-25 equip w/ AN/SLQ-25A Nixie-towed decoy & mk53 launching system, ITT AN/SPS-48E 3D air search& AN/APQ-9B tracking radar

Military Tech: AH-64E Guardian replace AH-64D Longbow equip w/joint tactical radio system, electro-optical & infrared [EO/IR] sensors

Military Tech: MFCR solid-state, active electronic array radar equip w/ element-level transmit/receive modules vs ballistic& cruise missiles

Military Tech: Pantsir-S1 anti-aircraft system advanced variant of SA-19/SA-N-11 missile, w/ EO sensors & 2A38M 30mm twin-barrel cannons

Military Tech: Lada-class subs armed w/ club-S submarine launched cruise missiles, 533mm torpedo tubes, anti-submarine & anti-ship missiles

Flight Global: OV-10 Bronco equip w/ Laser-guided advanced precision kill weapon system rockets & ALE-47 airborne countermeasures dispenser

Military Tech: Vanguard replacement programme [VRP] for Sub communications buoy [SCB] capable of receiving very low frequency [VLF] signals

Military Tech: Medium-altitude, long-endurance [MALE] unmanned UAS aircraft launch from LCS-2 ships to provide persistent ISR capabilities

Military Tech: VL Mica fire-and-forget missile on Khareef corvettes equip w/ active RF monopulse Doppler seeker & passive imaging IR seeker

Military Tech: Advanced Precision Kill Weapon System [APKWS] rocket w/ laser tech fit on A-10 Thunderbolt, F-16 Fighting Falcon & F/A-18

Defcon: F-16 fighters equip w/ AGM-154C Joint Stand Off Weapon [JSOW] & AGM-84H Standoff Land Attack Missiles-Expanded Response (SLAM-ER]

Military Tech: Su-34 replace Su-24 Fencer w/ advanced multimode-phased array radar & long-range aiming system for land, sea & air targets

Military Tech: Infrared focus assemblies [IFA] integral to F-15 Eagle fighters Infrared search & track [IRSTTM] system vs. electronic attack

Defense News: Long-range anti-ship missile [LRASM] upgrade to Harpoon to be fired from B-1B & F/A-18 aircraft, also destroyers & cruisers

Flight Global: AGM-88E Advanced Anti-Radiation Guided Missile [AARGM] compatible w/ F-35, EA-6B & F-16 --currently on EA-18G & F/A-18E/F

Defcon: B400 Blighter radars combine Solid-state passive electronic scanning array [PESA] w/ Frequency modulated continuous wave [FMCW] tech

Military Tech: Air & missile defence S-band radar [AMDR-S] & radar suite controller [RSC] design for DDG-51 Flight III Arleigh Burke-class

Military News: Khareef corvette equip w/ helicopter, 76mm Oto Melara & MSI DS30M 30mm cannons & MM-40 Block III surface-to-surface missiles

DID: TB-37/U Multi-Function Towed Array [MFTA] sonar sensor replaces AN/SQR-19 TACTAS arrays for ASW on DDG-51 destroyers & CG-47 cruisers.

Defcon: MQ-8C Fire Scout VTOL drone upgraded version of MQ-8B equip w/ BRITE Star II electro-optical/Infrared sensor for laser designation

Military Tech: Electronic support measure [ESM] seeker w/ antenna for target detect integrates w/ Tomahawk Block IV subsonic cruise missile

Military Tech: Mk12 submerged signal ejector [SSE] gives support to Upholder, Trafalgar, Vanguard& Astute ballistic nuclear submarine [SSBN]

Military Tech: F-35 stealth fighter types include CTOL, Short takeoff& landing [STOVL] & carrier version for ground attack, recon&air defence

Flight Global: DCompass stabilised multi-sensor system integrate w/ fixed-wing aircraft, helicopters & naval platforms for ISR task support

Defcon: Sea Ceptor upgrades to ANZAC Frigate Systems [FSU] include sensors, anti-Ship Missile Defence [ASMD], torpedo self defence & LAAD

Military Tech: JHSV 1 capable SH-60S helicopter deck landing, night-flight ops & qualify, MV-22 Osprey aircraft landing & vertical replenish

Military Tech: CN235 MPA aircraft equip w/ Seaspray 4000, AN/APS-134, Ocean Master 100, mk46 torpedoes & M-39 air-launch anti-ship missiles

Military News: Buyan stealth corvettes equip w/ missiles, artillery, electronic countermeasures& minimal radar profile for shallow water ops

Military Tech: SharpEye radar w/both [X-band]& E/F-band [S-band] tech, electronic chart display& info [ECDIS], dualPPI &target detect [ETD]

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Defence Aviation: Su PAK FA fighter jet replace Su-27s & MiG-31s w/ stealth capable, supersonic cruise & over-the-horizon radar visibility

Military Tech: FD-2000 missile system equip w/ Type 120 low-altitude search radar, YLC-20 passive sensor & Type 305A AESA search radar

Military Tech: SSN 719 sub equip w/ESM BRD-7 direction finding, WLR-1H interceptors, WLR-10 radar warning device& BPS 15 A/16 surface search

Military Tech: SSN 719 sub equip w/ land-attack & anti-ship Tomahawk missiles, Harpoon anti-ship missiles, & Mk117 torpedo fire control

Military Tech: P-8A Poseidon equip w/ APS-137D[V]5 & AN/APY-10 radar upgrades, signal intelligence SIGINT system for ASW, AsuW & ISR capable

DID: AGM-114L Longbow Hellfire equip w/ millimeter-wave radar seeker on AH-64D Apache Longbow helicopters & AH-1 Cobra attack helicopters

Defence Aviation: F-15 Silent Eagle equip w/ AIM-9 & AIM-120 air-to-air missiles & Joint Direct Attack Munition [JDAM] air-to-ground weapons

Military Tech: Astute-class submarines equip w/ UAP[4] electronic support measures, Tomahawk Block IV cruise missiles & Spearfish torpedoes

Military Tech: AH-1W helicopter equip w/ BGM-71 TOW & AGM-114 Hellfire missile, AIM-9L Sidewinder air-to-air missile & Hydra 70mm rockets

Military Tech: Trident II D5 three-stage, solid-propellant, inertial-guided ballistic missile aboard Ohio-class & Vanguard-class submarines

Military Tech: QF-16 drone modified version of F-16 Fighting Falcon to replace Q4-F FSAT fleet & replicate MiG-29 Fulcrum or Su-27 Flanker

Flight Global: S-92 & AW189 helicopters replace Sea Kings equip w/ FLIR Systems Star Safire 380-HD imaging equip for long SAR requirements

Defcon: Long Range Anti-Ship Missile [LRASM] w/ Mk41 vertical launch & multi-mode sensor fire from B-1B bomber & integrated on F-18s & ships

Military Tech: M1A1 main battle tank [MBT] upgraded to M1A2 Abrams w/ 120mm M256 smoothbore cannon, M865 TPCSDS-T & M831 TP-T training ammo

Air Attack: B-52 adds advanced precision-guided munition JASSM-Extended Range& MALD-J missiles into 1760 Internal Weapons Bay Upgrade [IWBU]

Military Tech: FREMM frigates feature radar detection& radar jamming, ASW & AAW decoys, variable depth sonar, torpedo alert& cruise missiles

Defense News: F-16A/B aircraft Combat Avionics Extension Suite [CAPES] w/ Scalable Agile Beam Radar [SABR] replace APG-66[V]3 mechanic radar

Flight Global: F-15SG upgraded version of F-15E Strike Eagle w/ APG-63(V)3 active electronically scanned array radar & Sniper targeting pod

Military Tech: EA-6B, F-16 & F/A-18 aircraft w/ AGM-88 HARM tactical, air-to-surface missile designed to destroy surface-to-air missiles

Military Tech: Trafalgar-class subs communications coherency for submarines [CCSM] system integrate existing independent autonomous systems

Defense News: Super Hornet enclosed weapons pod [EWP] carries AIM-9X Sidewinder, AIM-120 air-to-air missiles& AGM-154 joint standoff weapons

Military Tech: CH-53K helicopter replace existing CH-53E Super Stallion w/ 3X external load carrying capacity for amphib assault missions

Military Tech: Astute-class subs replace Swiftsure& Trafalgar-class vessels equip w/ Tomahawk Block IV cruise missiles& Spearfish torpedoes

Defcon: SeaRAM upgrades Phalanx anti-ship missile range using advanced sensors & replaces gun w/ 11-round Rolling Airframe Missile guide

Military Tech: E-8C Joint STARS aircraft C2 platform uses AN/APY-7 multimode side-looking radar for detect & track moving ground targets

Military News: AH-64E Apache helicopters upgraded w/ Longbow Fire Control Radars & Modernised Target Acquisition Designation [M-TADS/PNVS]

Defense News:Type45 Sampson radar fitted to track ballistic targets as part of Sea Viper anti-air missile system include MBDA Aster30 weapon

Defence Talk: Moskva-Class 1164 carrier-killer cruisers equip w/ anti-ship launchers & P-1000 Volcano SS-N-12 Sandbox anti-ship missiles

Flight Global: F-16 Fighting Falcon upgrade to automatic ground collision avoidance system [GCAS] w/ digital terrain elevation data [DTED]

Military News: FIM-92 Stinger missiles replace SA-18 SAMs launch from MANPADS, AH-64 Apache & Tiger attack helicopters & MQ-1 Predator UAVs

Military Tech: F/A-18C/D Hornet& F/A-18E/F Super Hornet aircraft fit w/ upgraded paveway II dual mode laser guided bomb [DMLGB] guidance kit

Military Tech: Saryu-class NOPV design for ISR & ASuW armed w/ 76mm super rapid Ottomelara gun & 30mm close-in weapon system guns & ALH deck

Military News: A-1M similar to F5-M & A-29 Super Tucano fitted w/ AIM-9 Sidewinder missiles, equip w/ M61 Vulcan& Bernandini Mk-164 cannons

Military Tech: Virginia-class Sub feature AN/WLY-1 acoustic countermeasures system& AN/BLQ-10 electronic support measures for ASW, ASuW& ISR

SDI: Buyan-M corvettes equip w/ Igla-1M missiles, A-190 100mm cannon, AK-306 30mm close-in weapon systems, 14.5mm & 7.62mm machine guns

DID: MH-60R helicopter replace existing S-70B-2 & SH-2G Super Seasprite, provide capable to ANZAC Class frigates & Air Warfare Destroyers

Military Tech: Mod7 Common Broadband Advanced Sonar System [CBASS] upgrade kit equip heavyweight MK8 w/ increased bandwidth, target &track

Defcon: EC725 Caracal helicopter equip w/ 7.62mm machine guns, 20mm cannons, 68 mm. rocket launchers, anti-tank guided missiles & torpedoes

Military Tech: Mi-17 helicopter upgrade version of Mi-8/Mi-17 w/ TV3-117BM turboshaft engines, large-calibre machine guns& unguided missiles

Military Tech: AN/SSQ-53F passive acoustic sensor& AN/SSQ-125 MAC sonobuoys designed detect & transmit sub acoustic emissions & reflections

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Military Tech: 3DELRR radar replaces AN/TPS-75 radar system as principal long-range, ground-based sensor for aircraft & missile detection

Military Tech: AH-64E Apache replaces AH-64D Longbow helicopters equip w/ electro-optical & infrared [EO/IR] sensors & joint-tactical radio

SDI: MK6 tandem rotor helicopter upgraded version of CH-47 Chinook.w/ ability to provide better low speed capabilities & manoeuvring control

Air Attack: MiG-35 [Fulcrum-F] 4++ gen fighter jet upgrade of MiG-29M equip w/air-to-air & air-to-surface guided missiles & Zhuk-A radar

Military Tech: AT-6 light attack aircraft loaded w/ GBU-58 laser-guided bombs, LAU-131 7-shot rocket launchers & L-3 Mx-15Di infrared camera

Flight Global: MiG-35 features Zhuk-AE active electronic scanned array [AESA] radar & OLS-35 optical locator, replacing MiG-29SMT aircraft

Defcon: Phalanx Block IB w/ Forward-Looking Infra-Red [FLIR] sensors counters fixed& rotary-winged aircraft, UAVs& anti-ship cruise missiles

Defence Talk: TF-2000 frigate equip w/ CAFRAD Faz-1 variant of ALPHA multimission M-2258 advanced lightweight phased-array naval radar

Military Tech: Su-34 multirole frontline bomber aircraft w/ upgraded transponders & multimode-phased array radar, replacing Su-24 Fencer

Military Tech: MU90 lightweight torpedo uses advanced ASW tech w/ acoustically coated, deep-diving, fast-evasive anti-torpedo effectors

Flight Global: Mi-8AMTSh updates basic helicopter transport variant w/ Shturm-V air-to-surface missiles, B8V20 rocket pods & 23mm gun pods

Defense News: FA-50s to replace close-air support mission conducted by F-5E/Fs w/ EL/M-2032 pulse radar & air-to-air/air-to-surface missiles

Military Tech: Sea Avenger is advanced version of MQ-9 Reaper to compete in UCLASS contest w/ Sea Ghost, X-45C & X-47B unmanned systems

Military Tech: LPD24 Amphib Transport Docking Ship transports LCAC or conventional landing crafts, helicopters & Osprey tilt-rotor aircraft

Defcon: CH-47F Chinook helicopter EWMS integrator features dual cockpit displays & processes multiple warning & countermeasure systems

DID: Ka-52 Alligator & radar-equipped Mi-28N Night Hunter attack helicopters similar to AH-64 Apache design to replace Mi-24 gunships

Military Tech: Hsiung Feng III Brave Wind anti-ship cruise missile deployed aboard Cheng Kung vessels, Ching Chiang patrols& Kidd destroyers

Military Tech: CIRCM common infrared countermeasure loaded on UH-60 Black Hawk, Apache, Chinook, C-20, V-22 Osprey, Super Cobra& Super Huey

Military Tech: Varshavyanka-class submarines w/ stealth tech equip w/ 533mm torpedo tubes & Kalibr 3M54 cruise missiles for ASW missions

Defence Talk: F-15 Silent Eagle equip w/ CWB competes w/ F-35 Lightning II & Eurofighter Tranche 3 Typhoon to replace F-4s & F-5s Fleet

Military Tech: HDT Storm transport via M/HC-139P/N/J, C-130/C-130J, KC-130J & C-17 fixed-wing aircraft & CH-47 Chinook & CH-53 helicopters

Flight Global: AH-64E Block III Apache helicopter upgraded w/ modernised target acquisition designation sight/vision sensor [M-TADS/PNVS]

Military Tech: R-27 medium-to-long-range air-to-air missiles on MiG-29 Fulcrum & Su-30 fighters equip w/ R-27T, R-27R & R-27AE active radar

Military News: Vikrant-class carrier equip w/ MiG-29ks & Tejas, Kamov Ka31 ASW helicopters, Close-In Weapon System [CIWS] & Melara 76mm guns

Military Tech: Serna-class landing corvette armed w/ Kalibr [SS-N-27] anti-ship missiles, 100mm & 30mm guns & Igla-1M air defence systems

Military Tech: Tejas aircraft replace MiG 21 & MiG 23 armed w/ air-to-air, air-to-ground & anti-ship missiles & precision-guided munitions

Military Tech; Offshore Patrol Vessels [OPV] equip w/ DS30M Mark2 mounting 30mm Mark44 Bushmaster II cannon w/ Electro Optical Detector[EOD]

Military Tech: Rolling Air Frame Missile [RAM] on amphib transports protects against anti-ship cruise missiles, airborne & surface threats

Military Tech: F-16 C/D Fighting Falcon scalable agile beam radar [SABR] shares features w/ F-22 Raptor APG-77 radar & F-35 APG-81 radars

Military Tech: LPD-17 amphib transport equip w/ CH-53E Sea Stallion, AH-1W Super Cobra &CH-46 Sea Knight helicopters & MV-22 Osprey aircraft

Military Tech: Guided Missile Cruiser equip w/ MK 45 5in guns, Phalanx close-in weapons systems [CIWS] & MK 38 25mm, M240 & 50 calibre guns

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Military Tech: Sniper advanced targeting pod [ATP] AN/AAQ-33 installed onboard F-16, F-15, B-1, F-18, Harrier GR7/9, A-10C & CF-18 aircraft

Military Tech: Successor-class sub replace Vanguard-class armed w/ Mark 36 Vertical Launch System tubes for Tomahawk cruise missiles

Military Tech: Yasen/Graney-class attack sub equip w/ sonar &torpedo systems &vertical launching system tubes for long-range cruise missiles

Military News: Tu-160 Blackjack aircraft long-range strike capable loaded w/ Raduga Kh-55SM cruise missiles & Raduga Kh-15 nuclear missiles

Defence Talk: JLENS radar system detect, track & target cruise missiles; low-flying manned & unmanned aircraft & mobile missile launchers

Military News: Charles de Gaulle carrier equip w/ MBDA Aster 15 surface to air [SAM] &Mistral short-range missiles Giat 20F2 20mm cannons

Military News: Charles de Gaulle carrier houses Dassault Rafales & Super Etendards, E-2C Hawkeyes & SA365 Dauphins helicopters& aircraft

Flight Global: Mars precision-guided missile for fixed targets to upgrade F-15, F/A-18, Typhoon, F-16 & Sukhoi Su-24, Su-25 & Su-27/30

Flight Global: Hydra module-enclosed unmanned submersible carrier vehicle launches small unmanned surface vehicles& aircraft from underwater

Military News: Gremyashchy-class stealth corvette equip w/SS-N-26 or SS-N-27 vertical launch cruise missiles& Ka-27Helix anti-sub helicopter

Military Tech: Ground Master GM 200 multi-mission 3D air defence radar detect UAVs, missiles, mortars& rockets from low to high altitudes

Military Tech: Vikhr-1 long-range, air launched missile from Ka-50, Ka-52 helicopters & Su-25T aircraft for ground & low-speed air targets

Military Tech: LAIRCM directed infrared countermeasures system for transport &rotary-wing aircraft protect from IR-guided missile threats

Defcon: AN/TPY-2 high-res mobile, X-band radar for long-range acquisition, precision track& multiple-class ballistic missile discriminate

Military Tech: AW139 helicopters equip w/ SAR & high-def Forward-looking infrared [FLIR] system, satellite comm system.& naval transponder

DID: F-16C/D Block 52 advanced version of F-16IQ Block 52s w/ air-to-ground weapons like GPS-guided JDAMs & advanced air-to-air missiles

Military Tech: F-CK-1 aircraft substitute for F-20 TigerShark& F-16 FightingFalcon equip w/GoldenDragon CD-53 multi-mode pulse Doppler radar

Military Tech: Incheon-class replace Pohang corvettes& Ulsan frigates w/ SSM-700K Star long-range anti-ship missile, CIWS &127mm/L62 gun

Military Tech: FA-50 multi-role fighter variant of T-50 Golden Eagle features upgraded EL/M-2032 pulse-Doppler radar & tactical datalink

Military Tech: Skeldar-2000 UAS fit w/ EO/IR, laser pointer &range finder, synthetic aperture radar, ground target indicate& AIS transponder

Military Tech: Krivak IV ships w/ anti-ship& surface-to-surface missile, gun/missile close-in air system&vertical-launch air defence missile

Military Tech: PB-312 coastal patrol integrate w/ M710 SSB & FR2115 navigation radars, FAP-330 autopilot, & TD-L1550A auto direction finder

Military Tech: AGM-154C-1 Joint stand-off weapon missiles [JSOW] on F/A-18 Super Hornet increases ASuW to engage moving maritime targets

Military Tech: Long-range anti-ship missile [LRASM] uses Joint air-to-surface standoff missile extended range[JASSM-ER] for sea-based target

Pop Mech: AC-130 gunships heavily armed ground-attack aircraft variant of C-130 Hercules for close air support w/ 7.62mm gun& 105 mm cannon

Defcon: Wildcat helicopters replace Lynx for all Type 45 destroyers& some Type 23 frigates-- design to take out small surface target & subs

Military Tech: NGJ replace the aging ALQ-99 tactical jamming system on EA-18G Growler armed w/ AIM-120 AMRAAM & AGM-88 HARM missiles.

Military Tech: Protector equip w/ M249 & M249 guns, Mk19 40mm, Mk19 40mm & M6 grenade launchers & Javelin anti-tank guided missile [ATGM]

Military Tech: Victoria-class subs feature CK-35 search & CH 85 attack optronic periscope, Kelvin Hughes Type 1007 &Foruno navigation radar.

Military Tech: HMS Ocean design to operate EH101 Merlin & Lynx helicopters w/ landing and refuelling facilities for Chinook helicopters

Military Tech: Elbe-class ships armed w/ Stinger infrared homing surface-to-air missile [SAM] & MLG-27 27mm remote-controlled auto-cannons

Air Attack: Scalable Agile Beam Radar [SABR] multi-function AESA radar for F-16 retrofit provides, SAR maps, air-to-air & air-to-surface ops

Military Tech: A/N FPS-132 Block5 early warning radar [EWR] phased-array long-range radar for sea-launched ballistic missile& ICBM detection

Military News: 3D Expeditionary Long-Range Radar [3DELRR] replaces AN/TPS-75 air search radar for primary ground-based, long-range sensors

Military Tech: B-2 Spirit bomber equip w/ extended data rate [XDR] communications between AESA antenna & AEHF satellite at EHF frequencies

Military Tech: Shadow R1 aircraft equip for ISTAR missions-- features L-3 Wescam MX-15 electro-optical/infrared [EO/IR] sensor payload

Military Tech: Missile de croisière naval [MdCN] install on Frégate Européen multi-mission [FREMM] ships & Barracuda attack submarines

Military Tech: MH-60R helicopter Mk 54 missile upgrade to Mk 46 & Mk 50 compatible w/ ASW aircraft & ship vertical launchers & torpedo tubes

Military Tech: Typhoon multi-role fighter aircraft integrate Paveway IV, EGBU-16, air-to-surface systems & laser designator pod [LDP]

Military Tech: DA42 MPP Guardian aircraft equip w/ RDR-1700B maritime search & Seaspray 5000E multi-mode surveillance radar, AESEA & COMINT

Military Tech: JASSM includes Anti-Jam Global Positioning System [AJGPS], imaging infrared [I2R] seek, LOCAAS sub-munitions detect& LADAR

Military News: Cyclone-class patrol ships equip w/ FIM-92 Stinger SAM, Mk 38 25mm cannons, Mk 19 40mm grenade launchers & M240B machine guns

Military Tech: DDG 1000 advanced gun systems [AGS] launch LRLAP rocket-assisted guided projectile w/ propelling charge for land-attack ops

Military Tech: MH-60R Seahawk Romeo helicopter Mk54 torpedos support P-8A Increment for long-range ASW, AsuW, ISR, NGFS & vertical replenish

Defcon: X-47B UCLASS aircraft has longer effective range than F/A-18s for strategic countermeasures to DF-21 anti-ship ballistic missiles

Military Tech: F-18C/D retrofit kit include KIV-78 Mode identify, AN/APX-11-30 transponders, multi-function info distribute & SUU-63 pylons

Military Tech: CV-22 Osprey replace MH-53 Pave Low helicopter for vertical takeoff, hover & vertical-landing quality w/ turbocraft speed

Military Tech: AN/SSQ-62D sonobuoy feature CFS enables transmit UHF radio commands, RF & sonar channel freq modification for littoral ASW

Military Tech: SS-26 Stone missile w/ 400km range features inertial& optical guide& electro-optical (EO) seeker for self-homing capabilities

Military News: INS Trikand stealth frigate equip w/ supersonic BrahMos cruise missiles, Shtil SAMs, Kashtan missiles& twin torpedo launchers

Military Tech: Predator B long-endurance, medium-high-altitude RPA design for surveillance, recon, targeting& close air support missions

Military Tech: Vikramaditya carrier STOBAR launches MiG 29K multi-role deck fighter jets, Sea Harriers, Sea Kings & KV-28 ASW helicopters

Military Tech: Vikramaditya carrier armed w/ 130mm gun mount system & Medvedka-2 ASW w/ Hurricane & SS-NX-26 Yakhont cruise missile systems

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Military Tech: DDG1000 Zumwalt-class guided-missile destroyer armed w/ tactical tomahawk, standard missile SM-3 & Sea Sparrow missile [ESSM]

Defense Tech: LCS ASW mission package works w/ Fire Scout UAS & MH-60R airborne torpedoes using Variable Depth Sonar deep water drops

Military Tech: L17 Absalon-class equip w/ Terma decoy launchers, Harpoon Block II missiles, RIM-162

Military Tech: Diamond DA42 MPP aircraft feature ground moving target indication [GMTI] & synthetic aperture radar [SAR] capability

Defense Tech: America-class amphibs upgrade to Wasp-class built for MV-22 Osprey, VTOL Harrier Jet& short take off and landing F-35B variant

Military News: FREMM Frigate armed w/ SAAM Aster 15 & Mk2 anti-ship missile systems, EMPAR radar & Silent Acquisition Surveillance [SASS]

Military Tech: V-280 Valor Joint Multi-role Tech Demonstrator [JMR-TD] programme.replace UH-60 Black Hawk, AH-64 Apache, and CH-47 Chinook

Military Tech: LAST armour for AC-130J gunship aircraft ballistic protect vs. 7.62mm AP & 7.62mm x 54R rounds w/ same armour parts as UH-60

Military Tech: SAMP/T air defence system provide 360° protect vs. ballistic&cruise missiles, combat aircraft& UCAVs w/ 3D phased array radar

Military Tech: JHSVs equip w/ Navair level 1 class 2 flight deck to support CH-53E Super Stallion helicopter ops for logistics& transport

Military Tech: SSN 783 submarines feature AN/WLY-1 acoustic countermeasures & AN/BLQ-10 electronic support measures for radar processing

Flight Global: MiG-21 possible aircraft replacements may include F-16s, Gripens, F-4 Phantoms or Mirage F1s

DID: AN/APG-68v9 radar upgrade for F-16C/D aircraft increases air-to-air detection range &ground-looking synthetic aperture mapping radar

Defense News: F-15s and F-2s combat capabilities upgraded w/ improved radars, medium-range air-to-air missile and modernized data systems

Navy Lookout: HMA2 Wildcat helicopter helicopter replace Lynx on destroyers & frigates w/ Sting Ray torpedoes & .5in M3M machine-guns

Military Tech: Type45s replace Type42 frigates w/ 114mm Mk8 mod 1 medium-calibre guns, EOGCS& Principal anti-aircraft missile system [PAAMS]

Defence Talk: AN/ALQ-214(V)4/5 Alrborne Jammer combines active anti-missile countermeasures on F/A-18 C/D Hornet & F/A-18 E/F Super Hornets

Defence Talk: Modernized Day Sensor Assembly [M-DSA] Laser Range Finder Designator [LRFD] developed for AH-64D/E Apache helicopters

Defence Talk: F-35 Lightning II combines advanced stealth w/ speed, sensor info& network ops to replace A-10, F-16, F/A-18 & AV-8B Harrier

Military Tech: Joint Air-to-Surface Standoff Missiles [JASSM] installed aboard F-15E, B-1, B-2, B-52, F-16 aircraft & F/A-18 Super Hornet

Military Tech: V-22 Osprey features VTOL & STOL capabilities w/ M240G 7.62mm machine gun & ATK AN/AAR-47 missile warning system

Military Tech: F/A-18, F/A-18C & F/A-18D upgrade w/ AIM-120 air2air missile [AMRAAM], AGM-65 Maverick& AGM-84 Harpoon air2surface missiles

Defense Tech: F/A-18 upgrade infrared search and track [IRST] w/ passive forward-looking infrared sensor to locate jets & helicopters

Military Tech: Miniature Air Launched Decoy-Jammer [MALD-J] on F-16 Fighting Falcon & B-52 bomber prevents early warning radar track

Flight Global: Ka-52 "Alligator" attack helicopter replace Mi-24s w/ 30mm cannon, 80mm unguided rockets & air-to-surface missile upgrades

DoD Buzz: F-16 Fighting Falcon upgrade include active electronic scanned array radar, high-resolution display unit & single-point EWC access

Flight Global: Tiger helicopter THL 30M78 cannon, TDA unguided rockets&Mistral air-to-air missile w/ AGM-114 Hellfire air-to-surface missile

Defense News: Armed Aerial Scout [AAS] programme to replace Bell OH-58 Kiowa Warrior helicopter & continue to develop Eurocopter V3

Military Tech: Reconfigurable Transportable Consolidated Automated SupportSystem [RTCASS] w/CASS configuration for V-22& H-1 support require

Defence Talk: AGM-158B JASSM-ER integrate w/B-1 Lancer, B-2 Spirit, F-15E StrikeEagle, F-16 Falcon, F/A-18E/F SuperHornet &F-35A-C Lightning

Defense Tech: Predator XP drone equip w/ radar & sensors for wide-area surveillance but not laser-guided bombs or air-to-ground missiles

Military Tech: AGM-88 HARM supersonic air-to-surface& AARGM missiles for EA-18G Growler, F/A-18, F/A-18C/D, F/A-18E/F & Tornado ECR aircraft

Military Tech: SubTASS arrays support Victoria-class subs fit w/ CK 35 search & CH 85 attack optronic w/ Gould Mk48 Mod4 heavyweight torpedo

Military Tech: AQS-24A airborne mine-hunting systems designed for MH-53E Sea Dragon integrate w/ MCH-101 helicopter platform systems

Military Tech: E-3F Airborne Warning and Control System [AWACS] upgrade integrate primary display, identify & computing subsystem w/ sensors

Military Tech: Beyond Visual Range Air-to-Air missile [BVRAAM] w/ active guided radar integrate w/ Typhoon Instrument Product[IPA1] aircraft

Flight Global: Maritime Unmanned Air System [MUAS] Scan Eagle catapult-launch complement existing ISR w/ helicopters & long-range radar

Military Tech: F-35 link w/ Queen Elizabeth aircraft carrier, Type-45 Daring vessel, Sea King helicopter& validate air & maritime simulation

Flight Global: MC-27J derivative of Spartan tactical transport adapt for gunship strike role via palletised system w/ 30mm ATK GAU-23 cannon

Military News: S-300VM anti-ballistic & 9M82M missiles counters short & medium-range missiles, precision-guided munitions & cruise missiles

Military Tech: UH-72A helicopters replace OH-58 Kiowa Warrior & UH-1 rotary wing fleet as part of Light Utility Helicopter [LUH] programme

Military Tech: Lynx Mk88A helicopter upgrade to Super Lynx w/ AN/AQS-18 active dipping sonar, SeaSkua anti-ship missile& Seaspray Mark 3000

Defcon: Gowind-class corvettes under LCS programme equip w/ Integrated Navigation & Tactical Systems [INTS], ECPINS-W & Warship-AIS

Military Tech: RQ-21A STUAS UAV equip w/ Flight Control System&Real Time Kinematic [RTK] Selective Availability Anti-Spoofing Module [SAASM]

Military Tech: Iron Duke [F234] Type23 ship fitted w/target indication, situational awareness& navigation medium-range 3D surveillance radar

Military Tech: I-TESS II features small-arms laser transmitter, rocket-propelled grenade& AT-4 anti-armour simulators, vehicle laser detect

SDI Defense: MK18 Mod2 Kingfish underwater unmanned vehicle [UUV] based on Kongsberg REMUS 600 launched w/ 11m-long inflatable rigid hull

Military News: Amazonas OPVs developed from River OPVs w/ flight deck equip to carry helicopter & armed w/ DS30M & 25mm cannons, 12.7mm guns

Flight Global: NH90 or S-92 Sea King to replace either NH90 or S-92 & convert NH90 tactical transport helicopters to NFH naval variants

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Military Tech: Skjold FastPatrol Boat armed w/ Kongsberg NyeSjoemaals Missile or Norwegian StrikeMissile [NSM] &Oto Melara76mm SuperRapidGun

Military Tech: F-15SA upgrade of F-15C/D Eagle equip w/ APG-63(v)3 active scanned array radar to provide interdiction w/o escort reliance

Military Tech: UH-72A Lakota helicopter replace OH-58 & UH-1 rotary-wing aircraft&enable UH-60 Black Hawks to participate in combat missions

Defense News: BrimstoneMissile to replace Hellfire on MQ-9 Reaper remotely piloted air systems[RPAS] w/ WaveRadar &semi-active LaserGuidance

Military Tech: CASUP programme converts OH-58D Kiowa Warriors into OH-58F models w/ improved optics, IR sensor, laser pointer & spot tracker

Military Tech: HMS Dragon Type45 Destroyer replace Type42 Frigates w/ SeaViper anti-air missiles, 114mm Mk8 mod 1 medium-calibre & 30mm guns

Defense News: MBB Bo-105 light utility helicopters used in anti-tank role when equipped w/ MBDA HOT anti-tank guided missiles

Military Tech: Tentacle system design fuse sensor feeds from UAVs& unmanned ground vehicles [UGV] into single three dimensional [3D] display

Military Tech: FA-50 variant of T-50 Golden Eagle aircraft w/ upgraded EL/M-2032 radar to replace F-5E/F Tiger&Cessna A-37 include JDAM& CBU

Military Tech: Area defence anti-munitions [ADAM] laser system intercepted small-calibre rocket targets & engaged UAS target in flight

Military Tech: Mission-capable All Source Position& Navigation [ASPN]develop sensor fusion tech support plug&play integration upgrade to GPS

Flight Global: F-35 basic synthetic aperture radar [SAR] mode of current APG-81 improvement over APG-70 on F-15Es

Flight Global: MH-60 Seahawk helicopter replace include ASuW, deep &shallow water ASW, special ops, combat search& rescue, logistics support

Defense News: JASSM provides F/A-18A/B Hornets w/ precision stand-off strike capability between F-111C/AGM-142 retire & F-35A intro

Military Tech: Tornado ECR MLU support sensors, avionic systems, high-speed anti-radiation missile, GPS-guided& joint direct attack munition

Military Tech: EC-130H CompassCall modified version of C-130 Hercules airframe for airborne tactical weapon system disrupt&limit adversaries

SDI: Fighter Jet candidates to replace F-4s & F-5s include F-35 Joint Strike Fighter, F-15 SE Silent Eagle & Eurofighter Typhoon.

Defense Leaders: MiG-29Ks & MiG-29KUBs fighters armed w/ R-73s, RVV-AEs & Kh-35Es missiles, KAB 500KR/OD TV guided bombs & S-8KOM rockets

Military Tech: Virginia-class sub equip w/ vertical missile launch&torpedo tubes capacity to launch Tomahawks, mk48 ADCAP torpedoes& harpoon

Military Tech: Javelin replace M47Dragon anti-tank missiles w/portable shoulder-fired anti-tank weapon for tracked or amphib vehicle install

Military News: IDAS fibre-optic guided missile system launch from sub tube vs. ASW helicopters, medium size surface vessels & land targets.

Defcon: V-200 vertical lift convoy shadowing capable, EO/IR sensors use, precision landing & long range missions using Tactical Hand-Over

Military Tech: F-16 Continuous Wave Illuminator [CWI] subsystem transmitter for fire control radar & platform to guide semi-active missiles

Military Tech: L159 Advanced LightCombat aircraft [ALCA] upgrade to Aero L-39 Albatros for Close AirSupport, recon& lead-in fighter missions

Flight Global: SC-130J aircraft function as maritime patrol/ASW variant of C-130J used for cargo transport w/ torpedoes & anti-ship missiles

Military Tech: Littoral Gun fire-control [GFCS] centralised system integrates main & secondary guns, radar, optronics & navigation systems

Military Tech: AN/AAQ-24(v) LAIRCM directed infrared countermeasures system upgrade to NEMESIS defends aircraft from IR-guided missiles

Military Tech: T-90s upgrades T-72 tanks w/ 125mm gun, FireControl, navigation& CommSystems & remotely-controlled mounted 7.62mm machine gun

SDI: MQ-1C GrayEagle UAS jamming pods in NetworkedElectronic WarfareRemotely Operated [NERO] systems replace CEASAR for manned C-12 aircraft

Military Tech: P-8I replace Tupolev Tu-142M turboprop aircraft include direction infrared countermeasures [DIRCM] & electronic support [ESM]

Military Tech: Tiger helicopter upgrade include roquette à précision métrique [RPM] system w/o Physical LaunchConnect b/c Wireless Induction

Military Tech: Converted UH-1N Huey helicopters modified to include ILS [Instrument LandingSystem] &FLIR [ForwardLooking Infrared] systems

Defcon: ANZAC-class frigates fitted w/ CEAFAR radars under Anti-Ship Missile Defence [ASMD] upgrade project equip w/ rapid horizon search

Military Tech: SSN 783 sub w/ AN/WLY-1 acoustics & AN/BLQ-10 ESM provide full-spectrum radar processing, auto detect for ASW, ASuW & ISR

Defcon: Fox 1A8 ATV upgrades provide greater IED & ballistic fire protect equip w/ unmanned weapon stations & high-freq HRM radio systems

Military Tech: Synthetic aperture sonar [InSAS] design for autonomous underwater vehicles [AUVs] & remotely operated tow vehicles [ROTVs]

Defcon: Phantom Badger ground tactical vehicle internally transported in a V-22 Osprey tiltrotor & provide more protection than smaller ATV

Military Tech: Hamilton-class frigates armed w/rapid-fire 3in/76mm gun, 20mm Phalanx&25mm mk38 Bushmaster auto-cannon include helicopter ops

Military Tech: Brahmos cruise missile based on P-800 Oniks/Yakhont w/ 3S14E vertical missile launcher for 3M-54E Klub-N anti-ship missiles

Military Tech: Spearhead-class JHSVs support intra-theatre troop & vehicle transport w/ manoeuvre & sustainment, logistics equip w/ HOSS

Military Tech: Guided multiple launch rocket system [GMLRS] launch from a high-mobility artillery rocket system [HIMARS] engage w/ grenades

Military Tech: F-16 fighter jets armed w/ MK-82 inert low-drag general-purpose, GBU-12 inert laser-guided & GBU-38 inert GPS guided bombs

Defense Leaders: AGM-114R Romeo Hellfire II missiles launch from combat aircraft, helicopter& UAVs equip w/ semi-active LaserHoming Guidance

Defense Tech: Triton Multi-Function Active Sensor [MFAS] radar w/ high-def Electro-Optical/IR sensors& relay device for line-of-sight node

DID: MiG-29 aircraft upgrade to MiG-29SMT include updated radar&missile launch capabilities w/ R-77 air2air & UR Kh-29 air2surface missiles

Popular Mechanics: MQ-4 aircraft modified RQ-4 Global Hawk version w/ radar upgrade & serves as P-3C replace working w/ P-8 Poseidon

Flight Global: RQ-21 Integrator small tactical unmanned air system [STUAS]operated aboard ship&rapidly transported ashore as complete system

Military Tech: MQ-4C UAS provide signals intelligence [SIGNET], intelligence, surveillance& recon [C4ISR] w /maritime strike capabilities

Military Tech:Lynx Mk8 helicopter armed w/ SeaSkua missiles& Stingray torpedoes or depth-charges2 strike ships, subs&smaller surface targets

Military Tech: SM-6 missile provide extended range protection vs. fixed & rotary-wing aircraft, unmanned aerial vehicles and cruise missiles

Military Tech: F-15SE fighter kits include AIM-120C-7 advanced medium range air-to-air missiles [AMRAAM], AIM-120C-7 guidance sections& JDAM

Defcon: F-35 Block 2B provide basic close air support &fire AMRAAM, JDAM [Joint Direct Attack Munition] or GBU 12 [laser-guided aerial bomb

Naval Drones: UUV to support several payload types include broadband low frequency sonars for MCM and ASW, speed & depth sensors

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Military Tech: Active Phased Array Radar [APAR] design detect&track w/missile guidance support design4 CW/ICWI require of SM-2 &ESSM missile

Defcon: MH-60R Romeo & MH-60S Sierra Seahawk Types to be replaced for ASW & ASuW configured for SAR &utilised in utility& vertical replenish

Military Tech: Miniature Air Launched Decoy Jammers [MALD-J] prevent radar from establish track&deploy from F-16 C/D Fighting Falcon& B-52

Military Tech: MH-60L/Ms w/Guided Advanced Tactical Rocket [GATR] & Precision-Guided Rocket Launcher [PGR] for air2ground & ground2ground ops

Military Tech: AGM-114 Hellfire Multi-purpose Air-to-ground missile system [AGMS] to provide anti-armour capability for attack helicopters

Military Tech:Surion KUH twin-engine light utility lift helicopter armed w/ BGM-71 tube-launched optically tracked [TOW] air2air missiles

Military Tech: SH-2G(I) Super Seasprite helicopter armed w/ Penguin anti-ship missile to support ASW, ASuW, surveillance &vertical replenish

Military Tech: S-73 sub equip w/ DR-3000U radar receiver for D to K band ops&armed w/ ECAN F17 mod 2 torpedo&tube launched MBDA SM39 missile

Military News:Talwar-class frigates armed w/BrahMos Supersonic CruiseMissiles, Kashtan CIWSs, 533mm torpedo launch,100mm gun&helicopter deck

Military News: AH-64E Apache attack helicopters replace AH-1S Cobras&feature composite main rotor blades&drive system w/more powerful engine

Defcon: APKWS rockets configured for rotary wing platforms like AH-1 Cobra attack helicopter now testing w/ A-10 & F-16 fixed-wing aircraft

Flight Global: Raptor APG-77 radar & F-35 APG-81 system can be ported over to Scalable Agile Beam Radar [SABR] w/ only minor tweaks

Flight Global: MiG-31 switch to MiG-31BM standard adds new MultimodeRadar, multifunction cockpit displays& RVV-BD long-range air2air missile

Military Tech: Type 300 F-16 C/D jets retrofit w/ new Active Electronically Scanned Array (AESA) radars until arrival of F-35 JSFs

Military Tech: JAS 39 Gripen to compete vs. F/A-18 E/F Super Hornet & Rafael fighter for lightweight air2air, air2surface & recon support

Military Tech: 11356 Frigate armed w/Club-N supersonic anti-ship missiles& ASW helicopter 2 support anti-aircraft ops independent &as escort

Miitary Tech:11356 frigate armed w/100mm gun, Shtil surface2air missiles, Kashtan air-defence gun/missile system& twin533mm torpedo launcher

Defcon: Scalable Agile Beam Radar [SABR] imagery on F-16 covers large area in single image.for detail maps unmatched by any 4th-gen fighter

Defcon: Laser Weapon System [LaWS] high-energy solid-state laser weapon to counter Unmanned Aerial Systems [UAS] & small, fast vessels

Defense News: AH-64E ApacheGurardian choppers w/ four-blade twin-engines& ability to destroy tanks& armoured vehicles to replace AH-1 Cobra

Defense Leaders: Chinook HC6 latest version of CH-47 incorporates FLIR [Forward-looking Infrared] system w/ hi-tech comm &navigation systems

Military Tech: AH-64E high-altitude Apaches selected against AH-1Z Cobra & T-129B attack helicopters- design to replace AH-64D Longbow fleet

Defcon: PzH 2000 ArtillerySystem &Leopard 2 main battle tank [MBT] to replace AMX-30 MBT & Mk F3 self-propelled guns 12 G-5 TowedHowitzers

Military Tech:Joint DirectAttack Munition [JDAM] for HighAltitude ASW capable [HAAWC] equip w/Mk-83/BLU-110, Mk-84, BLU-109 & Mk-82 warheads

Military Tech: Integrated Bridge and Navigation Systems [IBNS] installation on Offshore Patrol Vessels [OPVs] w/ helicopter & drone capable

Defcon: V-280 Valor helicopter unmatched capability in speed, range & payload, w/ ops agility to deliver advanced vertical lift solution

Military Tech: RQ-4 Global Hawk UAS comprise enhanced ASIP& air vehicles w/multi-platform recon radar tech insertion programme payloads

Military Tech: NH90 NFH designed to conduct autonomous & ASW/ASuW, perform maritime patrol, vertical replenish, transport & amphib support

Defcon: Fire Scout reduce sensor2shooter timeline w/laser-guide rocket2enable unmanned helicopter2 engage w/o carrier or shore air support

Military News: Transform Reliable Acoustic Path System [TRAPS] detect soundwaves generate by vessels& sweeps while remain fixed2 ocean floor

Flight Global: Hero 30 expendable recon UAS & Hero 400 loitering attack munition rebranded versions of previous Wasp & Blade Arrow systems.

Flight Global: P-8 include improve MAC, high altitude ASW sensors &high altitude ASW capability& Mk 54 torpedo w/ wing-kit & network centric

Military Tech: JSOW ER retain features of JSOW C-1 &minimises integrate costs w/extend range air2ground &medium-range PrecisionGuided system

Military Tech: Talwar-class frigates armed w/ AK-190 naval 100mm gun, Shtil-1 surface-to-air missile system & 12 barrel RBU-6000 ASW rocket

Military Tech: Advanced precision kill weapon system (APKWS) installed on UH-1Y Helos, AH-1W Super Cobra, AT-6 light attack/trainer &B407-GT

Military Tech: 22DDH carrier to replace Shirane destroyers armed w/ close-in systems & Sea RAM missile systems 4 air defence &jammer 4 ASW

Military News: AIM-9X Block II Sidewinder air-air missile w/ Lock-on After Launch feature. allows to be manoeuvred & redirected after launch

Defense News: KC-390 designed as transport w/ multirole capabilities enhanced by electro-optical/infrared pod w/ radar warning system.

Defcon: Distributed Agile Submarine Hunting (DASH) is series of drop&forget sonar devices or Transform Reliable Acoustic Path System (RAPS)

Defence Talk: APKWS fired from F-16s & A-10s are 1/3 weight & cost of other precision rockets & could potentially transport more rockets

Defence Aviation: AMCA loaded w/advanced sensors& DRDO Astra missiles, standoff weapons & precision weapons2deploy Precision Guided Munitions

Defence Aviation: AMCA is 5th generation stealth multirole fighter2 complement Sukhoi/HAL FGFA, HAL Tejas, Dassault Rafael & Sukhoi Su-30MKI

Military Tech: Based on F100 frigate, AWDs provide air defence for vessels & land-based forces, conducting anti-submarine warfare (ASW) ops

Military Tech: AN/SLQ-32(V)2 systems install on carriers, cruisers & destroyers vs. missiles & ID electronic sensors tracking surface fleet

Defcon: Havoc 8x8 derived from Patria 8x8 Armored Modular Vehicle w/ multi-mission, expeditionary role configure w/ mobile weapons&sensors

Defcon: Triton works in tandem w/ P8-A manned surveillance aircraft w/ Multi-Function Active Sensor (MFAS) optimised to ID surface ships

Military Tech: M1A2 Abrams upgraded version of M1A1 MBT design w/120mm M256 cannon, M865 TPCSDS-T &M831 TP-T vs.armoured vehicles& aircraft.

Defense Leaders: A-10 Thunderbolt II specialises in close air support, targeting tanks & armoured vehicles w/ barrel GAU-8 Avenger cannon

Military Tech: C-130J Super Hercules w/ AE2100D3 turboprop engines design to conduct airborne assault, search & rescue, & aerial refueling

Military Tech: F-35A conventional take off and landing (CTOL) aircraft, equipped w/ spare engines, electronic warfare & C4I/CNI systems

Military Tech: F-35A equip w/ autonomic logistics global support system (ALGS) & autonomic logistics info system (ALIS) w/ infrared flares

DID: AIM-9X Block II most advanced short range air-air missile, capable of using infrared seeker to hit targets behind fighter& on ground .

Military Tech: 19t BMP-3 armoured carrier w/100mm gun capable of firing M117 Bastion laser-guided anti-armour missiles& HE-FRAG projectiles

Military Tech: FGM-148 Javelin portable, shoulder-fired anti-tank guided missile w/ automatic self-guidance vs anti-armoured combat vehicles

Military Tech: RAM guided-missile system strikes vs. anti-ship cruise missiles, helicopter & airborne threats & hostile surface craft.

Military Tech: RAM system features autonomous dual-mode, passive radio frequency & infrared guidance design for high-firepower capabilities

Defcon: P-8A Poseidon aircraft designed for long-range maritime patrol capabilities, including ASW, ASuW, ISR & will replace P-3 fleet

Military Tech: Tiger helicopters equip w/ radar warning receiver & missile launch warning system design2 conduct surveillance& fire support

Defence & Security: MiG-29K naval variant of MiG-29 land-based fighter w/folding wings, arrester tail-hook, air2air & air2surface missiles

Military Tech: MCMV M37 features M134 mini gun, Type 1007 surface warning & navigation radar w/ Easytrack subsea acoustic tracking system

Military Tech: MCMV M37 equipped w/ Eca PAP 104 mk3 remotely controlled mine disposal vehicles & armed with MSI DS 30B 30mm naval gun

DID: Yak-130 aircraft wing stores include unguided bombs, rockets & KAB-500Kr guided bombs w/ R-73/AA-11 short range air-to-air missiles

Military Tech: Puma helicopter upgrades include Turbomeca Makila engine integration & controls, new tail rotors & ballistic protection

Military News: AN/AAQ-33 Sniper ATP equips F-15E Strike Eagle, Lancer, A-10 Thunderbolt II & F-16 Fighting Falcon w/ laser tracker & FLIR

Defense News: E-2D Advanced Hawkeye couples new design for electronic scan radar w/ matching suite of sensors, avionics, processor & display

Defcon: LRSVM modular launch system fitted w/ interchangable pods& launching containers to fire Plamen short-range A & long-range D rockets

Naval Drones: Tactically Exploited Reconnaissance Node (TERN) modeled after ScanEagle UAV operate from LCS-2 w/ ability 2 carry ISR payload

Military Tech: Gripen E next-gen version of JAS 39 Gripen 2feature new electronic radar &cockpit present systems w/ avionics4 longer mission

Military Tech: ASR-NG is 2D S-band solid state approach control surveillance radar design2 detect&classify lightweight aircraft &helicopters

Military Tech: KC-46 refuel & transport aircraft replace KC-135 tanker-- capable refuel fixed-wing receiver w/ refuel envelope& offload rate

Military Tech: Standard G improve design of high-speed craft w/ simulation, validation, wave-slam mitigation & model-scale comparative eval

Defcon: NH90 Naval Frigate Helicopter improve over Lynx SH14D. European Naval Radar (ENR) improve previous 180º Seaspray Surveillance Radar

Military Tech: FCS12 system suitable for use on shoulder-mounted rocket launchers & 40mm automatic grenade launchers include MK19, MK47 & GMG

Military Tech: Duke-class frigate armed w/vertical-launch Seawolf (GWS 26 Mod 1 VLS)&Harpoon surface2surface missile w/Stingray TorpedoTubes

Military Tech: Ford-class carrier armed w/ Sea Sparrow Missile to strike highspeed anti-ship missiles along w/rolling airframe missile(RAM)

Military Tech: Ford-class carrier ops capacity up to 90 aircraft include F-35, F/A-18E/F SuperHornet, E-2D Hawkeye, EA-18G Growler& MH-60R/S

Defcon: Mini Hit to Kill (MHTK) compact&agile in flight paired w/ fire control sensor to provide illumination& robust defeat of RAM targets

Military Tech: AH-64E helicopter replaces AH-64D Longbow& features T700-GE-701D engines, rotor blade tech& electronics w/ improved handling

Military Tech: AH-64E first rotorcraft2 integrate Link-16 system network JointService platforms F-15, F-16, FA-18 Hornet, E-2 Hawkeye, &UAS

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Military Tech: HMS Dragon Type45 ship to replace Type 42s- equip w/ Sea Viper anti-air missiles capable of defending vs. anti-ship missiles.

Military Tech: F-15SA features APG-63(v)3 active scanned array radar, digital electronic system (DEWS), AAS-42 infrared search &track (IRST)

Military Tech: F-15 SA designed to provide multirole fighter capability to conduct long-range, high-speed interdiction missions w/o escort

Flight Global: AMX & F-5 fleets receiving upgraded avionics, radars, in addition to electronic warfare equipment & in-flight refueling

Military Tech: F50 frigate fitted w/ AK-190 100mm gun, Shtil-1 surface2air missile system& 12 barrel RBU-6000 ASW w/ RGB-60 depth charges

Military Tech: HMS Defender capable of Chinook-sized helicopter ops from main deck & WR-21 turbo engines w/ Sea Viper anti-air missiles

Military Tech: Virginia-class stealth subs to support deep ocean anti-sub warfare& littoral ops& anti-surface ship, strike, special ops& ISR

Military Tech: Rooivalk Block 1F helicopter has improved targeting systems& avionics to enable Mokopa ZT-6 anti-tank guided missile (ATGM).

Military Tech: Rooivalk helicopter design4wide range of ops include recon, heliborne escort, close air support, anti-armour &ground suppress

Military Tech: Block 40 RQ-4s possess newer sensor capabilities, including MP-RTIP radar to emphasise surveillance over reconnaissance

Defence Talk: AN/TPY-2 is mobile, X-band phased-array radar for searching, acquiring & tracking ballistic & inter-continental missiles

Defcon: COTM system transmits full motion video beyond line of sight combine patented waveform design on proven &common platform4 C2& ISR

Defcon: S-70i Black Hawk helicopter fit w/digital cockpit& advanced avionics, include dual GPS/INS system w/digital map4 accurate navigate

Defcon: Vibrating gyro tech will lead2 cost-efficient inertial navigate systems4 missiles include air2air, surface2air, antitank& anti-ship

Military Tech: Brahmos based on P-800 Oniks/Yakhont supersonic anti-ship cruise missile w/ 290km range launch from land, naval&air platforms

Defcon: Amphibious transport dock LPD -19 launched RQ-21A Small Tactical Unmanned Air System (STUAS) for its first flight at sea.

Defcon: AC-130W known for 30mm modified MK-44 cannon,& GBU-44/B Viper Strike laser guided missile-- programme set to add Hellfire missile

Military Tech: SEAS bridge network integrate provides advanced radar processor& thermal imaging system w/ advanced image processing feature

Military News: CVN-78 EMALS benefits include the ability to launch UAV& other. aircraft w/ lower radar signature. & optimise launch range

Military Tech: F-22P frigates operate in multi-threat environ w/ long-range surface2surface & surface2air missiles 4 simultaneous targets

Military Tech: F-22P frigates fitted w/ long-range sensors, navigation radars& trackers, sonars, ESM/ECM systems& advanced command& control

Military Tech: Akula-class subs feature very low acoustic signatures & carry up to 12 Granit sub-launched cruise missiles, w/ 3,000km range

Military News: Sub-launched BrahMos cruise missile design as anti-ship weapon. w/ max speed Mach 2.8-3 & powered by two-stage rocket motor

Military Tech: F-5E/F equip w/ advanced electronic, target & self-defence systems, SELEX Grifo F radar, INS/GPS-based nav & air2air refuel

Defcon: F-15SA systems include basic maintenance, landing gear & arresting hook, armament, flight controls & jet fuel starter trainer.

Military Tech: Fajr-5 is unguided artillery rocket system equip w tracking radar2engage naval targets, target command centres&radar stations

Military Tech: JSM is long-range anti-surface missile design2 integrate w/ F-35 internal weapons bay, enable advanced defence system target

Military Tech: Gen3 Orion ultra-rugged new-generation UDP designed to deliver real-time enhanced video, digital & analog video support

Military Tech: F124 frigates armed w/ 76mm gun, two 20mm guns & triple Mk32 torpedo launchers for EurotorpMU90 lightweight torpedoes

Military Tech: F124 frigates include 9600-M I/J-band ARPA radars, SMART-L long-range air & surface surveillance & target indication

Military Tech: MS3 provide search& detect, threat filter&track w/ display interface, signal process& reception4 integrate& modular solution

Military Tech: IRIS-T SLS is ground-launched version design4air defence& object protect&provide 360° defence vs. missiles, helicopters& UAVs

Military Tech: IRIS-T air to air missile design 2 replace AIM-9 Sidewinders & will be installed on Gripens, Typhoons, F-16, F/A-18s&Tornados

Military Tech: V-Bat VTOL UAV ideal 4shipboard ops, aerial patrol, payload pick-up& delivery4 apps requires access2 hard-to-reach locations

Military Tech: Tornado variants include interdictor/strike [IDS] 4suppression of air defences, electronic combat recon [ECR] & ADV intercept

Military Tech: Tornado is variable-sweep wing combat aircraft powered by 2 RB199-34R Mk 103 turbofan engines 3 variants4 air strike missions

Military Tech: Tornado Jets to integrate AGM-88E radar AARGM missles & SDBs including RET 7 & RET 8 mid-life upgrade (MLU) configuration

Combat Aircraft: UH-60 Blackhawk provides air assault, evacuation, command & control special ops support 2 combat, stability & support ops

Combat Aircraft: Cheaper to use F-18E aircraft for aerial refueling than to have other combat aircraft land&wait in line 2 refuel on carrier

Flight Global: A400M delivered w/ in-built tanker capability to provide in-flight refuelling to support fixed-wing aircraft & helicopters

Military Tech: ESSMs launch from Mk41 eight-cell vertical system w/ help of Mk25 Quad Pack canister--missiles will assist frigate defence

Defcon: Hydra-70 rocket composed of MK66 rocket motor& warhead used against point& area targets- mounted on most helicopters& some aircraft.

Defcon: deFNder stations feature elevate & depress angles, sight module types & 5.56 to 7.62 cal & 5.56 to .50 cal machine gun, plus 40mm AGL

Military Tech: STUAS provide ISR support 4 amphib landing helicopter dock(LHD), landing helicopter assault(LHA)& landing platform dock (LPD)

Military Tech: Harpoon Block II missiles deployed on over 600 warships, 180 subs, 12 aircraft types & mobile land-based launch platforms

Military Tech: Harpoon Block II subs & surface deploy--fast patrol, destroyers, frigates F/A-18, F-15, F-16, F-27, F-50, P-3, S-3 aircraft.

Military Tech: Harpoon Block II GPS/INS decimates mid-course guide faults&perform anti-ship ops w/ accurate nav.&launch 4target discriminate

Military Tech: Harpoon Block II guidance control unit (GCU) integrate anti-spoofing module (SAASM) GPS receiver & incorporate data link

Military Tech: Harpoon Block II uses integrated GPS/INS antenna & AGM-84H SLAM-ER (Standoff Land Attack Missile Expanded Response) receiver

Defcon: MALD design2 confuse target integrated air defence system (IADS) by duplicate flight profiles& radar signatures w/ kinetic weaponry

Defcon: Mi-171 feature on-board system design2train on complete range of flight& navigational skills& how2 respond2 aircraft& equip failure

Flightglobal: Predator XP not weapons-capable--to be flown in intel, surveillance & recon-offers 35hr flight endurance w/ 25K ft max alt.

Defcon: D-VEX control large vol.full motion video data4 real-time intel-versatile& portable video2capture full motion airborne surveillance

Defcon: D-VEX support open defence standard include Motion Imagery Standards Profile (MISIP) & STANAG 4609, works w/ compact mobile hardware

Flightglobal: Cuda low cost weapon support " $360^{\circ}$  coverage", expand beyond visual range engage zones&improve within visual no-escape zone

Military Tech: Corvettes have Mk48 vertical launch 4 SeaSparrow Missile, Mk49 mod3 21-cell RAM launch 4 RAM Block1A & 76/62mm Super Rapide

Defcon: TDL exploit inter-ops by integrate Link 22, MIDS/Link 16 & JREAP; tM-DLP FN provide tactical inter-ops among different Data Links

Military Tech: Flanker-E feature long, medium and short-range weapons & guided aerial munitions4 anti-radar& anti-ship ops w/ aerial bombs.

Flightglobal: S-70B optimised for anti-sub duties, w/ L-3 long-range active sonar, torpedoes & AGM-114 Hell Fire air2surface missiles

Defcon: TSCE demonstrate perform ability in end-to-end ops, complete auto. control tests of Integrated Power System& Engine Control capable

Defcon: SF-260TP layout features large LCD displays, Control Display Unit (CDU) &Integrated Flight Displays (IFD) incorporate radio, VOR& GPS

Defcon: GPADS high perform, lightweight ram-air canopies& rugged Airborne Guidance Units loaded w/ robust autonomous navigation software

TeamG Defence: Falco UAS T-20 version demonstrates air2sea surveillance w/ Track While Scan (TWS) ship target imaging & ISAR mode classify

Defcon: AN/ALQ-99 LBT protect strike aircraft, ships& ground troops by disrupt radar &commmade for EA-6B Prowler& EA-18G & EA-6B aircraft

Defcon: MicroFalcon UAS types designed in tandem structure configuration& contribute 2 high survive systems & fast redeployment time cycle

Military Tech: C-130K powered by T56A-15 turboprop engine w/ autopilot& radar altimeter upgrades 4 troop & cargo transport support missions

Military News: SIMBAD-RC remote control system optimised4 stealth designs w/ Mistral 2 missiles launch vs combat aircraft, helicopters, UAVs

Defcon: Wasp AE air vehicle designed 4 land&maritime missions w/ miniature payloads& infrared imagery 20% more than Wasp III flight duration

Defcon: A159 equip w/ active dipping sonar, 360 degree scan radar, nose mounted electro-optical device for anti-surface & anti sub capable

Defcon: AW159 semi-rigid rotor head for high agility & same ship operating capabilities of Lynx helicopter& fitted w/ composite rotor blades

Military Tech: Type 209 subs based on broadband digital reception & electronic detection tech 2 enable sub or aircraft threat determine

Defcon: UH-60 Blackhawk four-bladed, medium-lift utility helicopter designed to perform troop transport, electronic attack& assault support

Defcon: C-40A acquired under USN Unique Fleet Essential Airlift Replacement Aircraft programme 2 replace fleet of DC-9-based C-9B Skytrains

Defcon: C-40A offers superior perform & range, modern avionics & quiet fuel-efficient engines, increasing capability for rapid response

Military Tech: K-15 SLBM flew w/strike range of 700km @ 20km altitude2hit target following underwater pontoon launch simulating sub platform

Defence & Security: MiG-29K naval variant of MiG-29 land-based fighter w/ folding wings, arrester tail-hook & strengthened airframe

Military Tech: Scorpion MHCS rapidly acquires targets& provides accurate& colour image w/integrated light-guide optical element (LOE)

Defcon: S-100 proven Vertical Take-Off & Landing (VTOL) rotary wing UAS capable of carrying wide range of sensors for military apps

Defcon: I-Master high-perform radar 4 Ground Moving Target Indication (GMTI)& Synthetic Aperture Radar (SAR) capable surveillance &detection

Military Tech: AIM-9 Sidewinder advance infrared-tracking air-to-air missile designed 4 fighters w/ first-shot dominance vs.range of targets

Military Tech: HammerHead is multipurpose UAS designed2 address require for robust& advanced intelligence,surveillance& reconnaissance (ISR)

Military Tech: ADM-160 MALD is advanced, air-launched& program flight vehicle designed2 confuse enemy integrated air defense systems (IADS)

Military Tech: Arrowhead, the M-TADS/PNVS is advanced electro-optical fire control system design to provide precision engage& target capable

Military Tech: MQ-8C Fire Scout capable vertical takeoff &landing unmanned aerial vehicle (VTUAV) 2provide extend range, payload&cargo ops

Flight Global: F-35 compare transonic accelerate perform vs. air2air config Typhoon& high angle-of-attack flight perform vis-à-vis F/A-18E/F

Flight Global: AW169 incorporates new tech rotor system, engines, avionics, transmission, electric power generation & distribution systems

Defense Leaders: Hermes 900 UAS provides increased line-of-sight & satellite comm. links w/radio relay to enable effective maritime comm.

Military Tech: F-16 MTC features four high-def simulators4 F-16 cockpit w/ 360° display dome linked 2 distributed mission ops (DMO) network

Naval Drones: Triton MQ-4C drones complement P-3C & P-8A ISR aircraft & include AN/ZPY-3 multi-function active-sensor (MFAS) radar system

Business Insider: YF-23 had greater flight range than F-22 Raptor, F-22 had more conventional design than YF-23, deemed less costly & risky

Military Tech: Klein System 5900 apps include MCM, broad area search, "Q" route survey, port security, & intel surveillance recon mission

Military Tech: Bal missile drills help combat crews practise deployment sched, elec. launches vs. simulation targets&rapid position changes

Military Tech: Bal missile exercise involved detect & track air & sea-based targets, organising communications, process & transfer data.

Military Tech: Taxi test series validate Phantom Eye ground guidance, navigation& control, mission planning, pilot interface& ops procedure

Military News: Agni-VI to have range of up to 10,000 km & set to be produced in several variants, including sub-launched& land-based version

Flight Global: Current F-16 & F-15 aggressor can replicate threats like Su-30MKK Flanker-G, but can't replicate J-20 & J-31 or Sukhoi PAK-FA

Flight Global: When aggressor F-16 replicating enemy fighter like Sukhoi Su-30 Flanker, no onboard system 2 simulate weapon like Vympel R-73

Flight Global: AF 2 upgrade older Block 30& 32 F-16s used by 18th and 64th Aggressor Squadrons 2System Capabilities Upgrade-8 (SCU-8) config

MilitaryTech: Russian Su-34 is 4+ gen. aircraft w/ 2 Lyulka AL-31FM1 turbofan engines capable of engaging land-based, sea & airborne targets

Military Tech: Indian S63 touts Ushus acoustic sonar system & CSS-MK-2 radio comm. system & design supports anti-sub & anti-surface missions

Military Tech: Upgrades to S63 sub include 3M54E1 anti-ship & 3M14E land attack cruise missiles install as part of Klub-S missile system

Military Tech: Russia delivered Project 877 EKM (Nato Kilo-class) sub, INS Sindhurakshak (S63), following completion of modern 2 Indian Navy

Military News: PL KAI FA-50 armed w/ AIM-9 Sidewinder air2air missiles, AGM-65 Maverick air2ground missiles, Mk 82 bombs& 20mm internal gun

Military News: KAI FA-50 multirole version of KAI T-50 w/ multimode radar& fly-by-wire digital flight controls & tactical data-link systems

Military News: Until 2005, PL operated F-5 Freedom Fighters in fighter/bomber role& w/ the KAI FA-50s' arrival, PL to fill capability gap.

Defense News: FA-50s first fighter jets 2 be operated by Philippine Air Force since it retired last of U.S.-designed F-5 fighters in 2005

Defense News: Singapore Ministry of Defense awarded contract 4 design & build of 8 new vessels 2 replace the Fearless-class Patrol Vessels,

Defense News: ST Marine will build four 74-meter patrol vessels based on its "proprietary" 500-ton Fearless-class patrol vessel.

Military Tech: ESSMs launch from Mk41 eight-cell vertical system w/ help of Mk25 Quad Pack canister--missiles will assist frigate defence

Defcon: Hydra-70 rocket composed of MK66 rocket motor& warhead used against point& area targets- mounted on most helicopters& some aircraft.

Defcon: deFNder stations feature elevate & depress angles, sight module types \$5.56 to 7.62 cal & 5.56 to .50 cal machine gun, plus 40mm AGL

Military Tech: STUAS provide ISR support 4 amphib landing helicopter dock(LHD), landing helicopter assault(LHA)& landing platform dock (LPD)

Defcon: E-2D aircraft effective due to track small fighter size target ability improve radar& mission perform in overland&littoral scenarios

Defcon: RPS-40 detects, tracks, classifies &locates rockets, artillery, mortars, ATGMs, RPGs-system integrate w/ protect and/or C4I system

Defcon: Global Hawk carries variety of intel, surveillance& recon (ISR) sensor payloads2gather imagery using radar2 detect ground targets

Defcon: EC135 simulator qual demonstrate quality & flexibility of advanced VITAL X visual system to provide training programmes & equipment

Military Tech: T-45 Goshawk jet trainer feature revised avionics&modified cockpit layout4compatible w/ single pylon wing install4 bomb racks

Defcon: A-29 Super Tucano versatile & powerful turboprop aircraft mission capable include close air support & intel surveillance & recon

Defcon: A-20 Super Tacano equip w/ electro-optic, infrared & laser system tech, secure radio system w/ data links & munitions capacity

Defcon: Erieye AEW&C system include sensors, C2 &communicate-radar w/ AESA tech2detect &track air&surface targets amid heavy clutter&jamming

Military Tech: Sonar 2076 include both inboard& outboard of bow, fin, intercept& flank arrays & associated inboard processing for submarines

Defcon: C4ISR tech enable battle space sense, deny&disrupt, sustain info superiority, prototype systems integrate, include testing& fielding

Defcon: Pronto4 roles include unmanned moving ground targets for eval & clearance ops as autopilot, allow operators to focus on mining tasks

Defcon: Pronto4 operate-by-wire platform, w/ tele-ops & supervised autonomy capable, integrate sensors for additional autonomous capable

Defcon: Pronto4 convert manned ground vehicle or surface vessel into an optionally unmanned robotic vehicle--retains human-operable capable

Military Tech: OH-1 Ninja Helicopter equip w/ multi-function LCD &head-up display (HUD), Dual Hands-on Collective Stick (HOCAS) & auto-pilot

Defcon: MTC-2 provide suite of C2 capable to identify gaps in ops& tactical maritime require from Global Command &Control System (GCCS-M)

Defcon: SeeTrack to plan& coordinate Iver2 missions w/ unmanned vehicles & handheld diver navigation systems & process sidescan sensor data

Defcon: Black Hornet provide situational aware via micro camera w/ motion video&still images on handheld terminal display2see around corners

Military Tech: CH-53MTA enhance situational aware by receive position data from locator beacons& cockpit display--COSPAS-SARSAT capable

Defcon: AUV62 advanced system for ASW forces training--artificial acoustic target to mimic sub & compatible w/ torpedo & sonar system

Military Tech: RQ-7 Shadow 200 used 4 intel, surveillance, target acquisition & recon (ISTAR), as well as battlefield damage assessment

Defcon: A320 FFS provide AATC training integrate w/ RSI Visual Systems' XT4 image generator& upgraded w/ FL35 DLP LED projection system

FlightGlobal: MQ-4C Triton unmanned aircraft tasked w/ partial replacement of P-3 Orion patrol aircraft--to operate alongside P-8A Poseidon

Defcon: TRS GM 403 medium-range capable include longer-range 406 variant-- provide 450 km coverge& 30km altitude--replaces KEVA2010 system

Military Tech: SAIC provide product & install for command & control intel, surveillance & recon (C5ISR) capabilities for naval assets.

Military Tech: A330 MRTT sched 2 replace Agra-based IL-78 fleet used 4 refuelling fighter &transport aircraft--MRTT 2 increase ops radius

Defcon: Puma HC2s serviced w/ Makila 1A1 engine--Heli-One include ability to sustain engine available Makila 1A1 assets from Heli-One stock

Defcon: POS-NEOS turrets integral 2 CILAS's SLD500-LR sniper detect w/ laser imaging& high-def camera technology 2 pinpoint distant targets

Defcon: PC-12NG equipped w/ VITAL X visual system provide 200x40 degree view w/ satellite high-res image support 100's of 6 degree freedom

Defcon: AH-129D establish bridgehead& ground cover w/o need 4 ground logistics-integrate Toplite III target pod& Spike ER air2ground missile

Military Tech: Su-30SM engage aerial ground&surface targets w/onboard air2air& air2surface guided/unguided system, rocket pods4 land attack

Military Tech: Su-30SM deployed for counter-air, land & sea missions- conducts electronic countermeasures & early warning tasks

Defcon: APKWS guided rocket w/semi-active laser guidance tech4 built-up& confined areasfills gap between Hellfire missile&unguided rockets Military Tech: S-70B w/ Mk46& Mk50 ALT torpedoes equip w/ Hellfire air2surface missile 2 engage surface targets such as fast attack craft

Military Tech: CK-1IDF jet fighter4 air defence&ground attack missions w/enhance avionics&Golden Dragon CD-53 multi-mode pulse Doppler radar

Defcon: Dual Mode Seeker Brimstone missile engage moving or static targets w/ pinpoint accuracy & precision guidance capability

Defcon: H-1 Upgrade programme replace& AH-1W & UH-1N w/ upgraded UH-1Y & AH-1Z aircraft, provide commonality, reliability& maintainability.

Military Tech: FREMM equipped w/ torpedoes, vertical-launch self-defence missiles &active towed array sonar feature ASW &shore bombardment

Military Tech: Wildcat HMA Mk2 armed w/ Stingray missiles, conducts over-the-horizon targeting for offensive & defensive surface surveillance

Defcon: EOMS-NG gyro-stabilized optronic design 360° function, include infrared surveillance, tracking, laser range-finding&fire control

Military Tech: Typhoon twin-engine, canard-delta wing, multi-role fighter designed 4 air ops deploy include high-intensity conflict missions

Defense News: KC-30A tanker achieve initial ops capability (IOC) & Vigilare network-centric command&control system granted final ops capable

Military Tech: BNS Padm frigate armed w/ four 37mm & two 20mm cannons & capable of laying mines & countering land & air attacks

Defcon: LAV-A2 mobile & survivable system conducting recon offensive & defensive operations as part of Marine Air-Ground Task Force

Defcon: JLENS integrate fire-control& surveillance radar w/ capability2 detect&engage surface&airborne threats like anti-ship cruise missile

Military Tech: A330 MRTT designed to perform airborne refuelling for air combat aircraft & operated to enhance overall air lift capability

Defcon: X2 Tech sports rotating coaxial main rotors, pusher propeller& fly-by-wire system, delivers 230-knot cruise airspeed, improved hover

Defcon: MAPAM system high-mobility& lowers logistic&storage costs due2 insensitive munitions (IM) explosive status, less weight